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Sensitizer-Catalyzed Generation of Singlet Oxygen

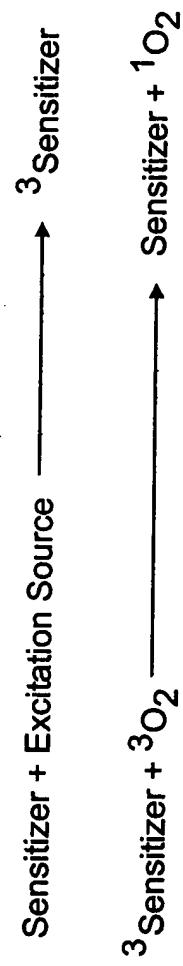


FIG 1

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Reaction of Singlet Oxygen with Olefin to form Dioxetane

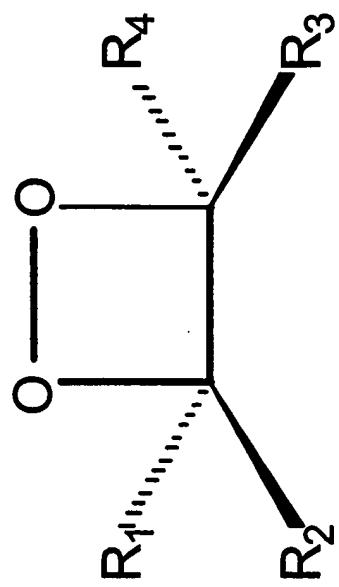
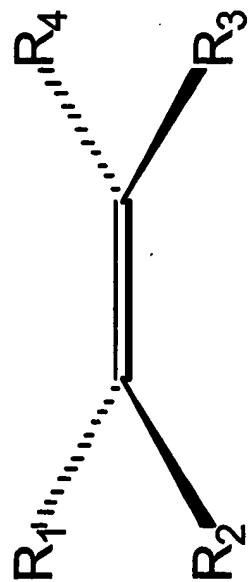
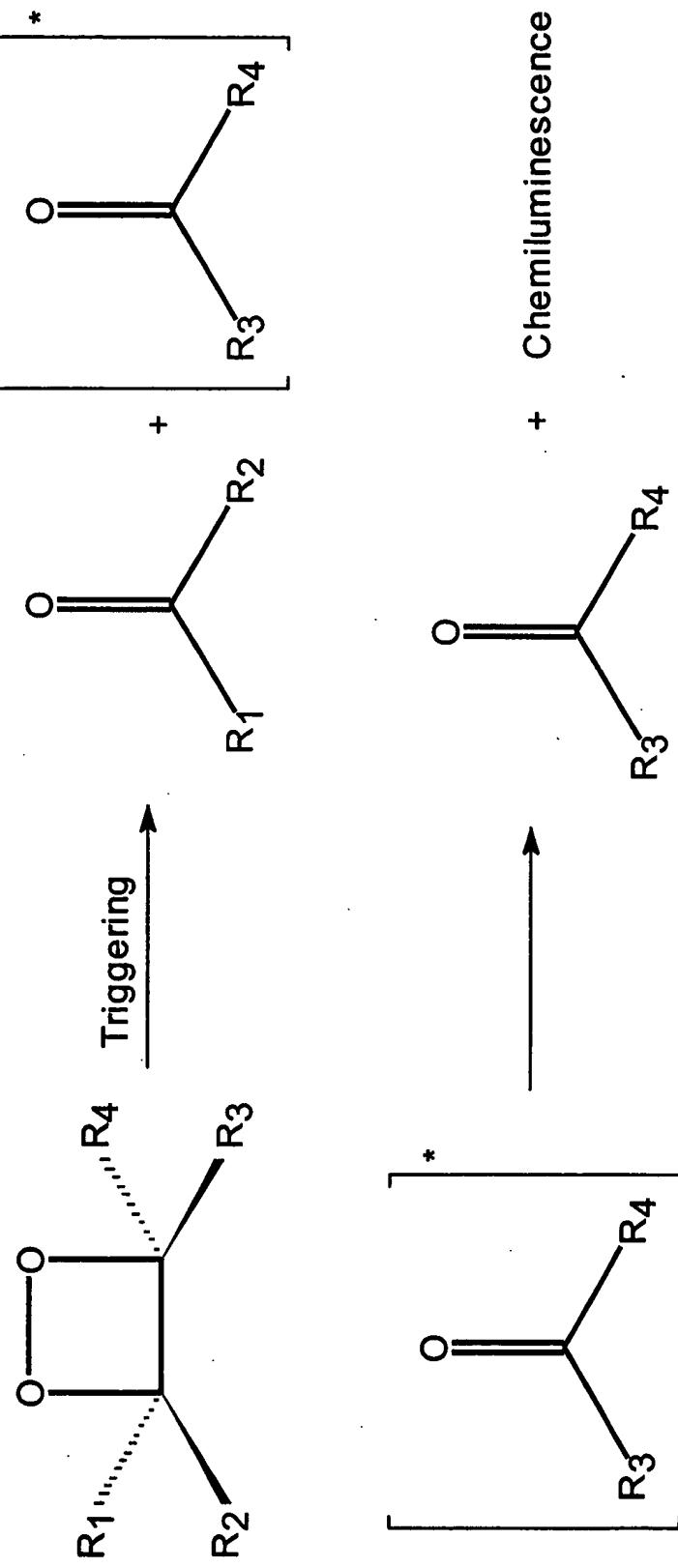


FIG 2



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Triggering of Chemiluminescent Signal

**FIG 3**

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Accumulation Process / Signal Amplification

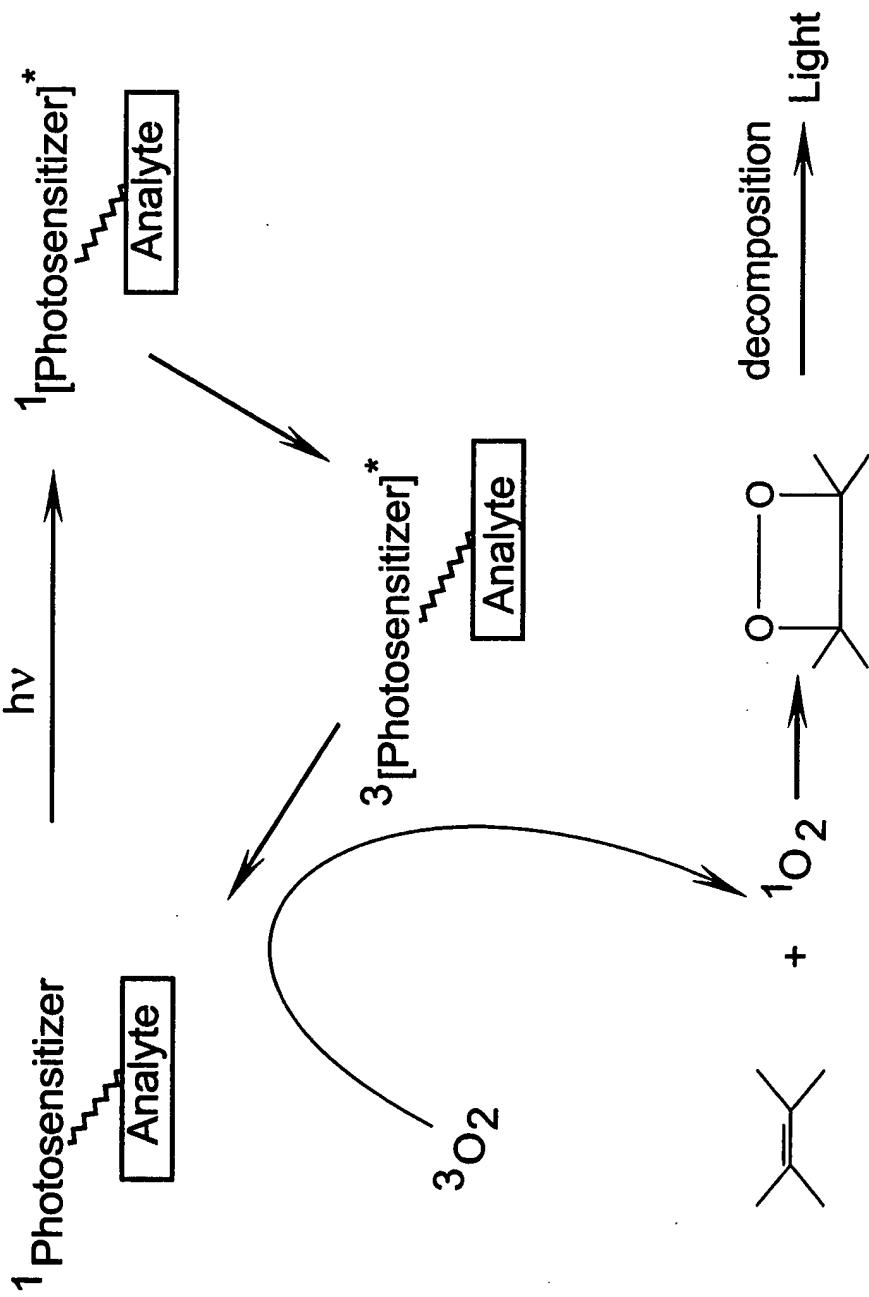


FIG 4

Nucleic Acid Detection on Membranes

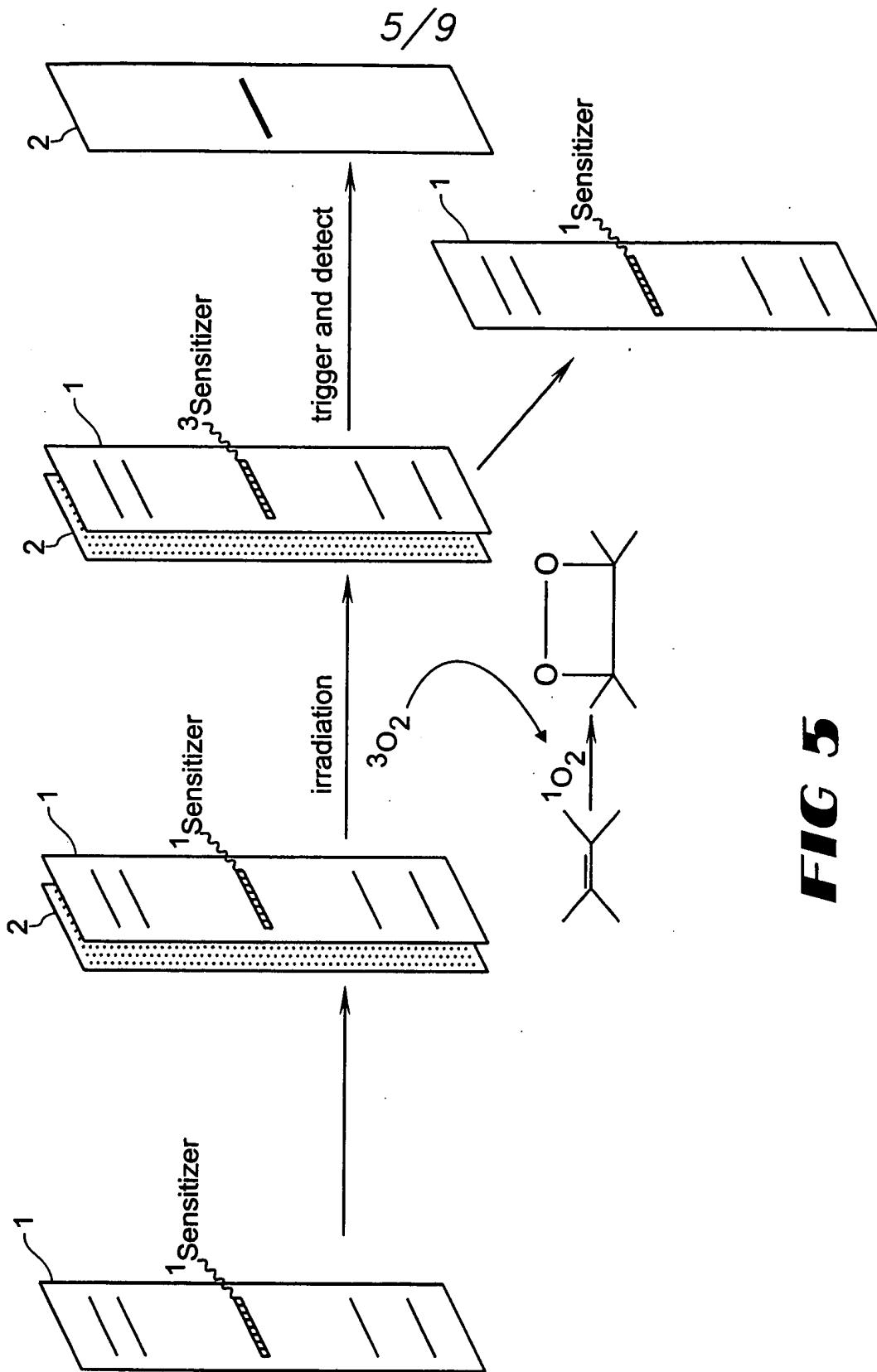


FIG 5

Title: METHOD FOR CHEMILUMINESCENT DETECTION
Inventors: Levison, et al. - Hoffmann & Baron, LLP Docket No. 1006-6 CON

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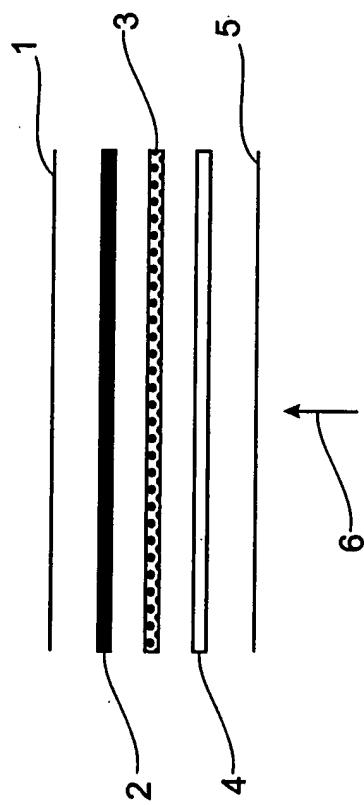


FIG 6A

Title: METHOD FOR CHEMILUMINESCENT DETECTION

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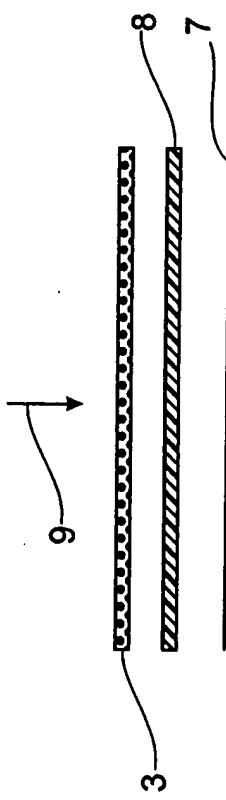


FIG 6B

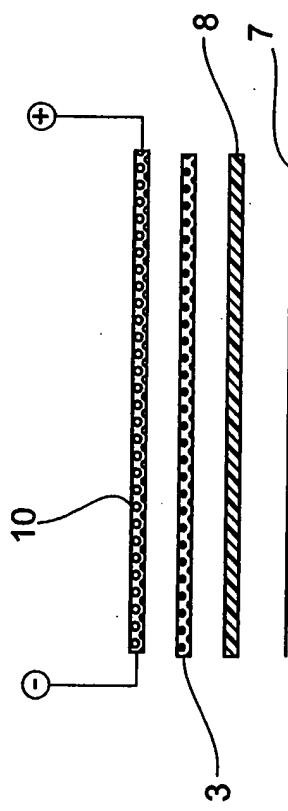


FIG 7

Synthesis of Sensitizer-labeled dUTP

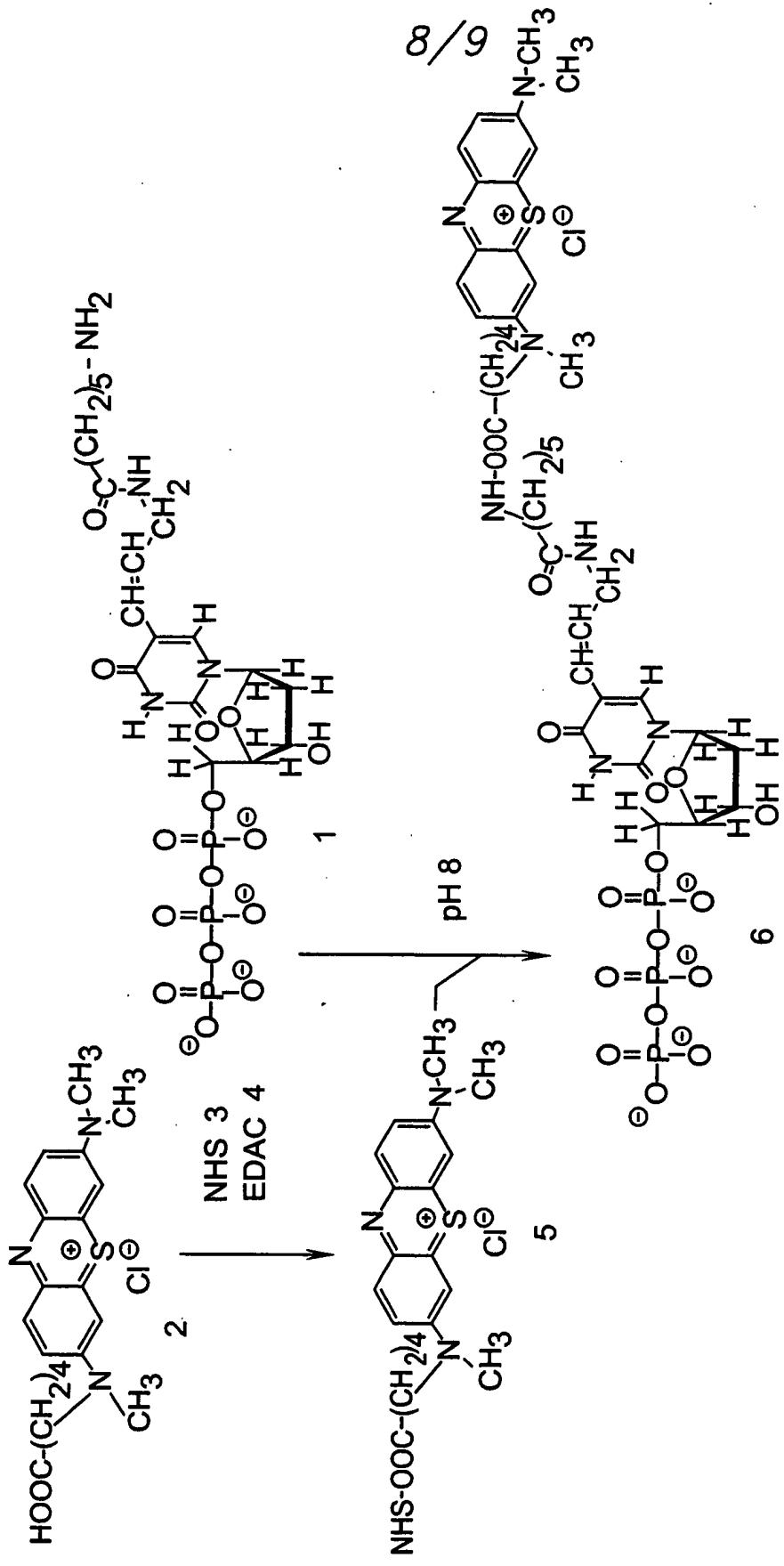


FIG 8

Title: METHOD FOR CHEMILUMINESCENT DETECTION

Inventors: Levison, et al. - Hoffmann & Baron, LLP Docket No. 1006-6 CON

5'-Labeling of Aminofunctionalized Nucleic Acid

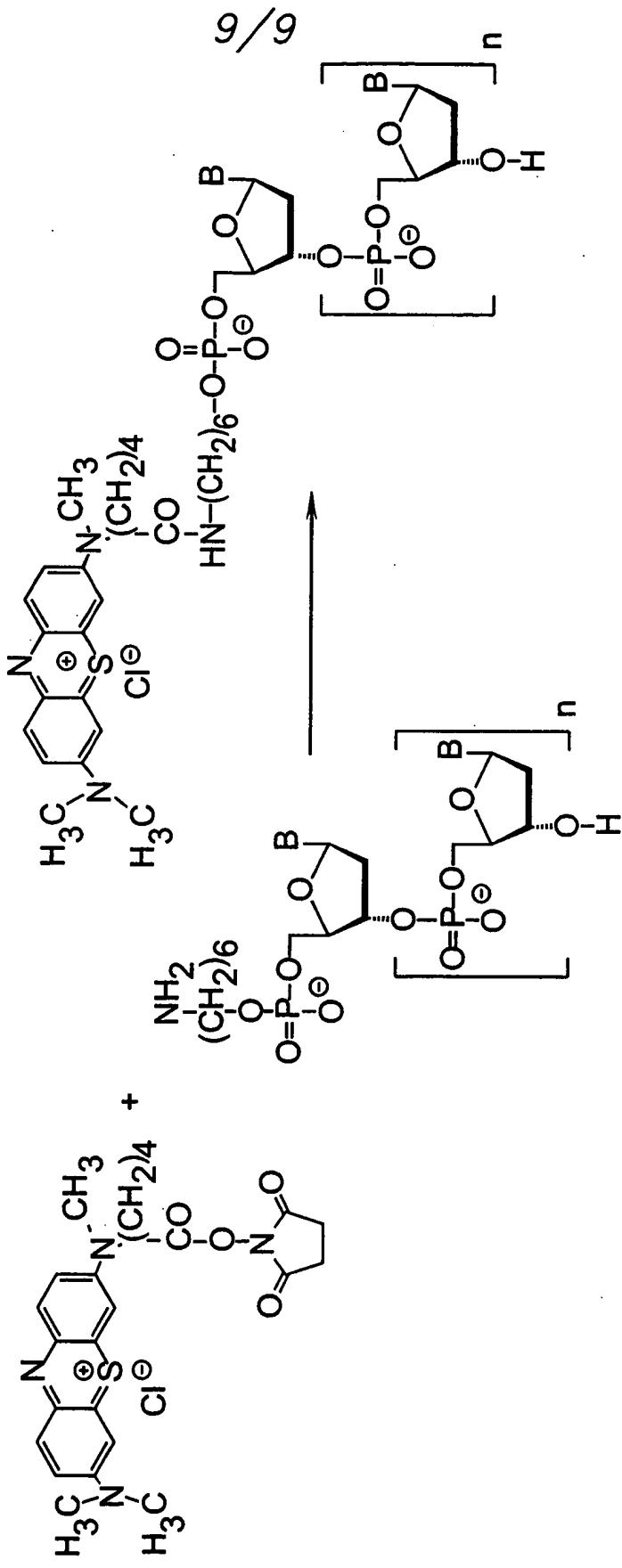


FIG 9